

In the Claims:

Please amend the Claims as follows:

Claims 1-5 (Previously cancelled)

Claim 6 (Currently amended): A method for regenerating catalytic activity of a catalyst comprising the step of:

contacting the catalyst with one of water, a dilute acid and a dilute hydrogen peroxide solution,

wherein the catalyst is based on a titanium dioxide or a hydrous titanium dioxide support coated with gold particles and wherein the catalyst has been used for deactivation by oxidation of unsaturated hydrocarbons in a gas phase.

Claim 7 (Previously amended): The method of Claim 6, wherein the catalyst comprises a catalyst produced by a deposition-precipitation method.

Claim 8 (Previously amended): The method of Claim 6, wherein the water comprises steam under pressure.

Claim 9 (Previously amended): The method of Claim 6, wherein the dilute hydrogen peroxide solution has a concentration less than or equal to 10 wt.% based on the total weight of the catalyst.

Claim 10 (Previously added): The regenerated catalyst produced by the method of Claim 6.

Claim 11 (Previously amended): In a process for oxidation of an unsaturated hydrocarbon with molecular oxygen in the presence of hydrogen in the gas phase, the improvement comprising performing the oxidation in the presence of the regenerated catalyst of Claim 10.

Claim 12 (Cancelled)

Claim 13 (Previously added): The method of Claim 6, wherein the dilute acid has a pH of 5.5 to 6.0.